



Receipt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Deung-Mo Che et al.

Art Unit : Unknown

Serial No. : 09/674,589

Examiner : Unknown

Filed : November 2, 2000

Title : METHOD OF MANUFACTURING HOT ROLLED STEEL SHEET USING
MINI MILL PROCESS

RECEIVED
JUL 26 2001
TC 3700 MAIL ROOM

Commissioner for Patents
Washington, D.C. 20231

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Applicants have noted errors in the official filing receipt, a copy of which is enclosed. More specifically, under the "Applicant(s)" section, please add --DEUNG-MO CHE, JEOLLANAM-DO, REPUBLIC OF KOREA, SANG-IL LEE, JEOLLANAM-DO, REPUBLIC OF KOREA, YEOUNG-RIN MIN, JEOLLANAM-DO, REPUBLIC OF KOREA--; and under the "Foreign Applications" section, please add --PCT/KR99/00102 03/04/99--. It is respectfully requested that a corrected filing receipt be issued.

A copy of the Combined Declaration and Power of Attorney and transmittal letter filed with the application is enclosed to show that the errors were made by the Office. No fee is believed to be due. If, however, there are any charges, please apply them to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 3-20-01

Y. Rocky Tsao
Y. Rocky Tsao
Reg. No. 34,053

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070

20206169.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

March 21, 2001
Date of Deposit

Diane M. Saturno
Signature

Diane M. Saturno
Typed or Printed Name of Person Signing Certificate

YK1



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

12886/002001

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 09/674,589 | 11/02/2000 | 3725 | 1072 | 10156/015001 | 6 | 24 | 2 |

Y Rocky Tsao
Fish & Richardson
225 Franklin Street
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FILING RECEIPT



OC000000005761795

Date Mailed: 02/14/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Continuing Data as Claimed by Applicant

Foreign Applications

If Required, Foreign Filing License Granted 02/13/2001

Title

Method of manufacturing hot rolled steel sheet using mini mill process

Preliminary Class

072

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FEB 20 2001

FISH & RICHARDSON, P.C.
BOSTON OFFICE

Data entry by : NGUYEN, SON

Team : OIPE

Date: 02/14/2001



| | |
|----------------|--|
| Submitted by | |
| Date Submitted | |
| Deadline | |
| Initials | |

RECEIVED
JUL 26 2001
TC 3700 MAIL ROOM
PRIORITY and APPLICATIONS
2/14/01
3/14/01
KYM 2/20/01

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

TC156/015001

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

INTERNATIONAL APPLICATION NO.
PCT/KR99/00102INTERNATIONAL FILING DATE
March 4, 1999

PRIORITY DATE CLAIMED

TITLE OF INVENTION

Method of Manufacturing Hot Rolled Steel Sheet Using Mini Mill Process

APPLICANT(S) FOR DO/EO/US

Deung-Mo Che; Sang-Il Lee; Yeoung-Rin Min

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ A copy of the International Search Report (PCT/ISA/210).
8. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☒ Certificate of Mailing by Express Mail
20. ☐ Other items or information:

Express Mail[®] mailing label number EC 629372821 USDate of Deposit NOVEMBER 2, 2000

I hereby certify that this paper or fee is being deposited with
the United States Postal Service Express Mail Post Office to
addressee service under 37 CFR 1.10 on the date indicated above
and is addressed to the Assistant Commissioner For Patents,
Washington, D.C. 20231

Samantha Bell
Samantha Bell

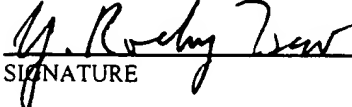
| | | | | | |
|--|--------------|--------------|--------------|----------------------------------|----|
| 21. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) : | | | | CALCULATIONS PTO USE ONLY | |
| <input checked="" type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,000.00 | | | | | |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00 | | | | | |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00 | | | | | |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00 | | | | | |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 | | | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | \$1,000.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30 | | | | \$0.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 24 - 20 = | 4 | x \$18.00 | \$72.00 | |
| Independent claims | 2 - 3 = | 0 | x \$80.00 | \$0.00 | |
| Multiple Dependent Claims (check if applicable). <input type="checkbox"/> | | | | \$0.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1,072.00 | |
| Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). <input type="checkbox"/> | | | | \$0.00 | |
| SUBTOTAL = | | | | \$1,072.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30 | | | | \$0.00 | |
| TOTAL NATIONAL FEE = | | | | \$1,072.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input checked="" type="checkbox"/> | | | | \$40.00 | |
| TOTAL FEES ENCLOSED = | | | | \$1,112.00 | |
| | | | | Amount to be: | \$ |
| | | | | refunded | \$ |
| | | | | charged | \$ |
| | | | | | |

- ☒ A check in the amount of **\$1,112.00** to cover the above fees is enclosed.
- ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **06-1050** A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Y. Rocky Tsao
 Fish & Richardson P.C.
 225 Franklin Street
 Boston MA 02110-2804



 SIGNATURE
 Y. Rocky Tsao

 NAME
 34,053

 REGISTRATION NUMBER
 11-2-00

 DATE

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COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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Bib Data Sheet

CONFIRMATION NO. 9144

| | | | | | |
|---|---|---|---|--|--------------------------------|
| SERIAL NUMBER 09/674,589 | FILING DATE 11/02/2000 RULE | CLASS 029 | GROUP ART UNIT 3726 | ATTORNEY DOCKET NO. 10156/015001 | |
| APPLICANTS Deung-Mo Che, Jeollanam-Do, KOREA, REPUBLIC OF; Sang-Il Lee, Jeollanam-Do, KOREA, REPUBLIC OF; Yeoung-Rin Min, Jeollanam-Do, KOREA, REPUBLIC OF; | | | | | |
| ** CONTINUING DATA ***** THIS APPLICATION IS A 371 OF PCT/KR99/00102 03/04/1999 | | | | | |
| ** FOREIGN APPLICATIONS ***** REPUBLIC OF KOREA 97-66909 12/09/1997 | | | | | |
| IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 02/13/2001 | | | | | |
| Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged | | STATE OR COUNTRY KOREA, REPUBLIC OF | SHEETS DRAWING 6 | TOTAL CLAIMS 24 | INDEPENDENT CLAIMS 2 |
| ADDRESS Y Rocky Tsao Fish & Richardson 225 Franklin Street Boston ,MA 02110-2804 | | | | | |
| TITLE Method of manufacturing hot rolled steel sheet using mini mill process | | | | | |
| FILING FEE RECEIVED 1072 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit | | |